

TERMINAL EQUIPMENT FOR BIDIRECTIONAL RADIO LINK

## ABSTRACT

5           According to the invention, the frequency  
bandwidth used globally for transmission and reception in  
a bi-directional radio relay link with two simultaneous  
broadcasts and receptions may be reduced by half, whereby  
each terminal device (TA) comprises a first broadcaster  
10 (EA1), broadcasting a first data signal (SI) by means of  
a first antenna (AA1) in a first used frequency band  
(BF1) identical to that in which a first receiver (RA1)  
receives a second data signal (S2) by means of a second  
antenna (AA2) and a second receiver (RA2) receives a  
15 third data signal (S3) with a second used frequency band  
(BF2) by means of the first antenna (AA1) and a second  
broadcaster (EA2) broadcasts a fourth data signal (S4)  
with the second used frequency band (BF2) by means of a  
second antenna (AA2).